

## ABSTRACT

The present invention relates to early secretory pathway molecules, in particular  
5 to the MCFD2 (multiple coagulation factor deficiency 2) protein, and nucleic acids  
encoding the MCFD2 protein. The present invention provides assays for the detection of  
MCFD2 and for *MCFD2* polymorphisms and mutations associated with disease states  
and provides screening assays for the identification and use of compounds that alter  
MCFD2 activity and/or biological pathways involving MCFD2.

10